

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re : Application of Ko, et al.
For : **SELF-POWERED TIRE REVOLUTION COUNTER**
Serial No. : 09/743,617
Filed : January 10, 2001
Priority Date claimed : July 10, 1998 (US Provisional Patent Application No. 60/092,270)
Group Art Unit : 2816
Examiner : M. R. Wambach
Our Docket No. : DN1999138USA

January 16, 2002

AMENDMENT

Sir:

This is an amendment in response to the Office Action dated October 24, 2001 having a period for response set to expire on January 24, 2002.

Please amend the referenced Application as follows:

IN THE SPECIFICATION

There are no amendments to the specification.

IN THE CLAIMS

Please replace claims 1-5 with the following claims 6-11. A clean set of claims is enclosed for the Examiner's convenience.

B 1/ Piezoelectric-powered tire revolution counter, comprising:
a piezoelectric element attached to or embedded within a wall of a pneumatic tire in a manner to be subjected to periodic mechanical stresses as the tire rotates, thereby generating energy pulses;

power circuitry connected to the piezoelectric element for receiving the energy pulses, having an output for supplying a DC voltage (V_{dd}) to power circuitry of the revolution counter; and
a revolution counting circuit connected to the piezoelectric element for receiving the energy pulses;

wherein: